

SPECIAL PAPERS ON GENERAL METEOROLOGY.

RECENT ADDITIONS TO THE WEATHER BUREAU LIBRARY.

C. FITZHUGH TALMAN, Librarian.

The following have been selected from among the titles of books recently received as representing those most likely to be useful to Weather Bureau officials in their meteorological work and studies. Anonymous publications are indicated by a —.

Abbot, Charles [Greeley].

The sun. New York. 1911. xxiv, 447 p. ill. 8°.

Askinazi, V. O.

Miestnyâ meteorologicheskâ steti v Rossii k nachalu 1912 goda. [Local meteorological réseaus in Russia at the beginning of 1912] n. t. p. 30 p. 4°. (Imper. ac. sci., St. Petersburg. [Publication.]

O parallel'nykh nablûdeniakh. [On parallel observations.] S.-Peterburg. 1912. cover-title. 18 p. 4°.

Batavia. Koninklijk magnetisch en meteorologisch Observatorium.

Verhandelingen. No. 1. Die Wind-Verhältnisse in den oberen Lufschichten, nach Ballonvisierungen in Batavia; von W. van Bemmelen. Batavia. 1911. 77 p. plate. 4°.

Verhandelingen. No. 2, I. Drachen- und Fesselballon-Beobachtungen. II. Wissenschaftliche Ergebnisse der Aufstiege mit dem Freiballone "Batavia"; von C. Braak. Batavia. 1912. 46 p. plate. 4°.

Brocke, Albert.

Blitz, Gewitter und Blitzableiter, volkstümlich erläutert. [Bernburg.] [1911?] cover-title. 8 p. 8°.

Der Windmühlen-Blitzableiter. (Reprint; Deutscher Müller, Bernburg, 31. Jahrg., 11. Aug. 1911. p. 293-4.)

Blitzableiter für Holländer-Mühlen. (Reprint; Deutscher Müller, Bernburg, 32. Jahrg., No. 9, 1. März 1912.)

Denmark. Danske meteorologiske Institut.

Annuaire magnétique, 1907-08. Copenhague. 1911. 25 p. 5 pl. f°.

Populær Vejledning til Benyttelse af Vejrkort. Kjøbenhavn. 1911. viii, 78 p. 8°.

Ghent. Université. Station de géographie mathématique.

Annuaire météorologique, 1911-12, Année 5. Roulers. 1912. 87 p. 12°.

Gorczyński, Władysław.

Materyały do poznania opadów w Królestwie Polskiem (okres 1901-1910) . . . Précipitations observées en royaume de Pologne pendant la période 1901-1910. Avec un supplément contenant les précipitations à Varsovie (1803-1910) et à Jedrzejow (1886-1905). [Polish text. Polish and French title-page.] Warszawa. 1912. xxv, 157 p. 8°. (Publication, Soc. sci. Varsovie, III.-Cl. sci. math. et nat. Comm. météorol.)

O opadach w Warszawie. Sur les précipitations à Varsovie. [Polish text. Résumé in French.] Warszawa. 1911. 8°. (Reprint; Comptes rendus, Soc. sci., Varsovie, 1911, fasc. 8, p. 349-386.)

O zmienności opadu według obserwacji Warszawskich od 1803 r. Sur la variabilité des précipitations d'après les observations faites à Varsovie depuis 1803. [Polish text. Résumé in French.] Warszawa. 1911. 8°. (Reprint; Comptes rendus, Soc. sci., Varsovie, 1911, fasc. 9, p. 453-485.)

[Hunter, Walter D., & Pierce, W. Dwight.]

Mexican cotton-boll weevil. Washington. 1912. 188 p. 22 pl. 8°. (U. S. Bur. entomology, bull. 114.) [Climatic control of the boll weevil is discussed on pp. 120-132.]

International union for cooperation in solar research.

Transactions, v. 3. [Mt. Wilson meeting, 1910.] Manchester. 1911. viii, 231 p. 8°.

Italy. Ufficio centrale meteorologico e geodinamico.

Annali, ser. 2a. Vol. 19, pt. 2, 1897. Roma. 1911. iv, 275 p. f°. Annali, ser. 2a. Vol. 20, pt. 2, 1898. Roma. 1911. viii, 265 p. f°. Elenco delle pubblicazioni . . . 1860-1910. Roma. 1911. 24 p. 4°.

Koch, I. P., & Wegener, A[lfred].

Die glaciologischen Beobachtungen der Danmark-Expedition. København. 1911. 77 p. ill. 4°. (Reprint; Meddelelser om Grønland 46.) [Includes measurements of air temperatures within the cave of the glacier Gnipa north of Danmarks-Havn, Greenland].

Kraus, Gregor.

Boden und Klima auf kleinstem Raum. Versuch einer exakten Behandlung des Standorts auf dem Wellenkalk. Jena. 1911. vi, 184 p. 8 pl. 8°.

McAdie, Alexander [George].

The clouds and fogs of San Francisco. San Francisco. 1911. 106 p. plates. 8°.

Maryland. Geological survey.

Prince George's county. Baltimore. 1911. 251 p. Atlas. 4°. [The climate of Prince George's county, Md., by W. H. Alexander, p. 185-206.]

Negro, Carlo.

La meteorologia nel folk-lore. Roma. 1911. 49 p. 4°. (Reprint: Mem. Pontific. accad. Rom. dei nuovi Lincei, v. 29.)

Osservazioni sulla rugiada, nota preliminare. n. t. p. 7 p. 4°. (Reprint: Atti, Pontific. accad. Rom. dei nuovi Lincei, anno 65, sess. 2, 21 Gennaio, 1912.)

Uno studioso di proverbi meteorologici sul principio del 1800 [Vassalli-Eandi]. n. t. p. 10 p. 4°. (Reprint: Atti, Pontific. accad. Rom. dei nuovi Lincei, anno 65, sess. 1, 17 Dic. 1911.)

New York meteorological observatory, Central Park.

Annual report, 1911. New York. 1911. 149 p. 2 appendices. 4°. [Beginning July 1, 1911, this observatory became a branch of the Local Office, U. S. Weather Bureau.]

Prussia. Königliches preussisches meteorologisches Institut.

Bericht über die Tätigkeit, 1911. Berlin. 1912. 190 p. 4°. (Veröffentlichung, Nr. 244.)

San Fernando. Instituto y observatorio de marina.

Añales. Sección 2. Observaciones meteorológicas, magnéticas y sismicas, 1910. San Fernando. 1911. viii, 164 p. f°.

U. S. Weather bureau.

Monthly weather review, 1910, v. 38. Washington. 1911. vi, 1927 p. plates. f°.

Venice. Ufficio idrografico.

Carte annuali delle piogge nella regione Veneta per il 1909 e 1910. Venezia. 1911. 29 p. 2 maps. 4°. [Rainfall maps for 1909 and 1910 for the lower valley of the Po.]

Voller, A.

Das Grundwasser in Hamburg . . . Beobachtungen aus dem Jahre 1910. Hamburg. 1911. 7 p. 3 pl. f°. (Beihett zum Jahrbuch der Hamburgischen wissensch. Anstalten, Bd. 28, 1910.)

Wagner, Gotthold.

Die Änderung des Luftdruckes im anomalistischen Monat. Leipzig. 1912. 8°. (Reprint: Beiträge zur Geophysik, 11. Bd., p. 276-313.) [An analysis of the barometric records at Batavia seems to reveal a lunar influence.]

Zágrub (Agram). Meteorologisches Observatorium.

Jahrbuch, 1904, Teile 1, 2. Zágrub. 1912. 101 p. f°.

Jahrbuch, 1909, Teil 3, Niederschläge in Kroatien und Slavonien im Jahre 1909. Zágrub. 1911. 50 p. f°.

Jahrbuch, 1910, Teil 3, Niederschläge in Kroatien und Slavonien im Jahre 1910. Zágrub. 1912. 48 p. f°.

RECENT PAPERS BEARING ON METEOROLOGY.

C. FITZHUGH TALMAN, Librarian.

The subjoined titles have been selected from the contents of the periodicals and serials recently received in the Library of the Weather Bureau. The titles selected are of papers and other communications bearing on meteorology and other cognate branches of science. This is not a complete index of the meteorological contents of all the journals from which it has been compiled. It shows only the articles that appear to the compiler likely to be of particular interest in connection with the work of the Weather Bureau. Unsigned articles are indicated by a —.

American journal of science. New Haven. 4 ser. v. 33. May, 1912.

Burbank, J. E. One phase of microseismic motion. p. 470-473. [Discusses relations of microseisms to movements of "highs" and "lows."]

Burbank, J. E. Microseisms caused by frost action. p. 474-475.